Table S2: Linear regression for spherical equivalent refraction (SER) in diopters and logistic regression for myopia and high myopia.

|  | SER*                     |         | Myopia <sup>†</sup> |         | High myopia <sup>†</sup> |         |
|--|--------------------------|---------|---------------------|---------|--------------------------|---------|
|  | Coefficient (β) (95% CI) | P       | OR (95% CI)         | P       | OR (95% CI)              | P       |
| Round (Ref.=1)                         |                          |         |                     |         |                          | _       |
| 2                                      | 0.01 (-0.01, 0.03)       | 0.195   | 0.98 (0.96, 1.01)   | 0.162   | 1.06 (0.96, 1.16)        | 0.242   |
| 3                                      | -0.28 (-0.30, -0.27)     | < 0.001 | 2.11 (2.05, 2.17)   | < 0.001 | 1.22 (1.12, 1.33)        | < 0.001 |
| 4                                      | -0.05 (-0.07, -0.03)     | < 0.001 | 1.24 (1.21, 1.28)   | < 0.001 | 0.97 (0.89, 1.06)        | 0.532   |
| Sex (Ref.=female)                      | 0.10 (0.09, 0.11)        | < 0.001 | 0.80 (0.78, 0.81)   | < 0.001 | 0.95 (0.90, 1.00)        | 0.070   |
| Age (months)                           | -0.02 (-0.02, -0.02)     | < 0.001 | 1.08 (1.07, 1.08)   | < 0.001 | 1.17 (1.15, 1.19)        | < 0.001 |
| Age <sup>2</sup> (years <sup>2</sup> ) | -0.006 (-0.008, -0.005)  | < 0.001 | 0.98 (0.98, 0.98)   | < 0.001 | 0.95 (0.94, 0.95)        | < 0.001 |

<sup>\*</sup> Both eyes of the enrolled 29,719 students were analyzed, n eyes=59,438; † The enrolled 29,719 students were analyzed, myopia of a student was defined as either eye with SER ≤-0.5 diopter, and high myopia of a student was defined as either eye with SER  $\leq$  -6.0 diopters.